

Atty. Docket No. JP920000191US1
(590.079)

Amendments to the Specification:

Please replace the paragraph starting on page 6, line 7 with the paragraph below:

As stated above, the size of AST for a string S with length (S) = N is

(S) = N is $\frac{N(N+1)}{2}$. If this string can be split into k equal pieces, the space required for

GAST of k sub strings is $\frac{N}{2}(\frac{N}{k} + 1)$. The saved space is $\frac{N^2}{2}(1 - \frac{1}{k})$. For example, if a

10-character string is split into 2 equal pieces, the saved nodes of GAST are 25. If a 20-character string is split into 4 equal sub strings, the saved nodes are 150 ones!

Please replace Table 1 in the specification with the amended Table 1 below:

0. Base Vocabulary (words)	SBP	Number of SBs	Average length of string pieces	No. of GAST nodes
1. All Chinese character	A	29,768	12.46	2,496,219
2. All Chinese character	A+B	38,063	8.22	1,442,366
3. 60k3.60k	A+B+C	31,921	4.52	398,220
4. 30 k4.30k	A+B+C	31,515	4.61	407,522
5. All Chinese character	A+B & Nup=7	38,063	8.22	1,332,204